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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Y. Matsukawa et al. : Art Unit:  
Serial No.: To Be Assigned : Examiner:  
Filed: Herewith :  
FOR: NON-CONTACT POSITION SENSOR :

## PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231  
S I R :

Prior to examination, please amend the above application as follows:

IN THE SPECIFICATION:

After the title and before the first paragraph:

**THIS APPLICATION IS A U.S. NATIONAL PHASE  
APPLICATION OF PCT INTERNATIONAL APPLICATION  
PCT/JP00/08860.**

Specification at page 1, line 28:

The above-described conventional non-contact position sensor has a magnetic flux shutter 10b inserted in a gap where the one-side arm 2a of the magnetic body 2 and the one-side arm 3a of the magnetic body 3 confront with each other, through another gap where the magnet 1 and the magnetic sensor element 4 confront with each other, as shown in Fig. 35.